

NOTES:

1. SURFACE OR PENDENT FIXTURES MUST BE INDEPENDENTLY SUPPORTED FROM 1 1/2" BLACK IRON CHANNELS, OR FROM FLOOR OR ROOF CONSTRUCTION.
2. THE TOTAL WEIGHT OF A LIGHT FIXTURE AND OTHER EQUIPMENT (AIR BOXES, ETC.) AND CEILING MATERIAL SUPPORTED BY THE CEILING "T" MUST NOT EXCEED THE ALLOWABLE DEFLECTION OF 1/360 OF ITS SPAN. DEFLECTION DATA MUST BE FURNISHED AND CERTIFIED BY THE MANUFACTURER.

A. **TYPICAL BLACK IRON HUNG CEILING SUSPENSION SYSTEM**

ABBREVIATIONS

A.C.	AIR CONDITIONER
A.DR.	ACCESS DOOR
A.F.F.	ABOVE FINISHED FLOOR
A.P.	ACCESS PANEL
ABV.	ABOVE
AC.T.	ACOUSTIC TILE
ADJ.	ADJUSTABLE OR ADJACENT
ALUM.	ALUMINUM
ANG.	ANGLE
ANOD.	ANODIZED
APPD.	APPROVED
APPROX.	APPROXIMATE
ARCH.	ARCHITECTURAL
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
B.	BASE
B.E.	BOTTOM ELEVATION
B.L.	BUILDING LINE
BD.	BOARD
BKT.	BRACKET
BLDG.	BUILDING
BM.	BEAM
BOT.	BOTTOM
BRK.	BRICK
C.	COURSE:S
C.H.	CEILING HEIGHT
C.JT.	CONSTRUCTION JOINT
C.L.	CENTERLINE
C.M.U.	CONCRETE MASONRY UNIT
C.R.	CEILING REGISTER
C.S.	CONCRETE SLAB
CAB.	CABINET
CEM.	CEMENT
CER.T.	CERAMIC TILE
CHAN.	CHANNEL
CLG.	CEILING
CLOS.	CLOSET
COL.	COLUMN
CONC.	CONCRETE
COND.	CONDITIONS
CONN.	CONNECTION
CONST.	CONSTRUCTION
CONT.	CONTINUOUS
CONV.	CONVECTOR
CORR.	CORRUGATED
CSK.	COUNTERSINK:SUNK
D.	DIAMETER
D.O.	DITTO
DBL.	DOUBLE
DEMO.	DEMOLITION
DEPT.	DEPARTMENT
DET.	DETAIL
DIA.	DIAMETER
DIFF.	DIFFUSER
DIM.	DIMENSION
DN.	DOWN
DPL.	DUPLEX
DR.	DOOR
DRN.	DRAIN
DWG.	DRAWING
E.F.	EACH FACE
E.W.C.	ELECTRIC WATER COOLER
EACH	
EL.	ELEVATION
ELEC.	ELECTRICAL
ELEV.	ELEVATOR
EMERG.	EMERGENCY
ENCL.	ENCLOSURE
EQ.	EQUAL
EQ.SP.	EQUAL SPACES
EQUIP.	EQUIPMENT
ETC.	ETCETRA
EXT.	EXTERIOR
EXIST.	EXISTING
EXP.JT.	EXPANSION JOINT
EXPN.	EXPANSION
EXTN.	EXTENSION
F.A.	FRESH AIR
F.D.	FLOOR DRAIN
F.F.	FAR FACE
F.H.C.	FIRE HOSE CABINET
F.H.R.	FIRE HOSE RACK
F.O.	FACE OF
F.P.	FIRE PROOFING
F.S.	FAR SIDE
FDN.	FOUNDATION
FIN.	FINISHED
FIXT.	FIXTURE
FL.	FLUSH
FLR.	FLOOR
FLT.HD.	FLAT HEAD
FR.	FRAME
FT.	FEET:FOOT
FTG.	FOOTING
FURN.	FURNACE
FUT.	FUTURE
G.R.	GUARD RAIL
GA.	GAUGE
GALV.	GALVANIZED
GL.	GLASS
GR.	GRIEL
GRTG.	GRATING
GYP.	GYPSUM
GYP.BD.	GYPSUM BOARD
GWB.	GYPSUM WALL BOARD
H.	HIGH
H.C.	HUNG CEILING
H.M.	HOLLOW METAL
H.P.	HIGH POINT
H.R.	HANDRAIL
H.S.	HIGH STRENGTH
H.V.A.C.	HEATING:VENTILATION & AIR CONDITIONING
HD.	HEAD
HDR.	HEADER
HEX.	HEXAGONAL
HGT.	HEIGHT
HORIZ.	HORIZONTAL
HR.	HOUR
HTR.	HEATER
I.D.	INSIDE DIAMETER
INCL.	INCLUDING
INFO.	INFORMATION
INSUL.	INSULATION
INT.	INTERIOR
JT.	JOINT
K.	KIPS
L.	ANGLE
L.L.	LIVE LOAD
L.P.	LOW POINT
L.W.	LIGHT WEIGHT
LAM.	LAMINATED
LAV.	LAVATORY
LG.	LONG
LT.	LIGHT
LTG.	LIGHTING
M.	MEN
M.D.	METAL DECK
M.H.	MANHOLE
M.O.	MASONRY OPENING
M.S.	MARBLE SADDLE
MAS.	MASONRY
MAT'L.	MATERIAL
MAX.	MAXIMUM
MECH.	MECHANICAL
MFG.	MANUFACTURER
MIN.	MINIMUM
MIRR.	MIRROR
MISC.	MISCELLANEOUS
MTL.	METAL
N.	NORTH
N.F.	NEAR FACE
N.I.C.	NOT IN CONTRACT
N.S.	NEAR SIDE
N.T.S.	NOT TO SCALE
NO.	NUMBER
O.A.	OVER ALL
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
O.H.	OVER HEAD
OPN'G.	OPENING
OPP.	OPPOSITE
P.I.P.	POURED IN PLACE
P.S.F.	POUNDS PER SQUARE FOOT
P.S.I.	POUNDS PER SQUARE INCH
P.T.D.D.	PAPER TOWEL DISPENSER & DISPOSAL
PART.	PARTITION
PENETR.	PENETRATION
PL.	PLATE
PLAS.	PLASTER
PLUMB.	PLUMBING
P.M.	PREMOLDED
PNL.	PANEL
POL.	POLISHED
PREFAB.	PREFABRICATED
PT.	PART
PTD.	PAINTED
Q.T.	QUARRY TILE
R.	RISER
R.A.	RETURN AIR
R.D.	ROOF DRAIN
RAD.	RADIUS
REF.	REFERENCE
REFRIG.	REFRIGERATOR
REINF.	REINFORCE:REINFORCEMENT
REQ'D.	REQUIRED
RM.	ROOM
S.	SINK
S.C.	SELF CLOSING
S.D.	SOAP DISPENSER
S.F.	SQUARE FEET
S.P.	SEE PLAN
S.PT.	STARTING POINT
S.S.	STAINLESS STEEL
SDL.	SADDLE
SECT.	SECTION
SHT.	SHEET
SIM.	SIMILAR
SLD'G.	SLIDING
SPEC.	SPECIFICATION
SQ.	SQUARE
ST.	STAINLESS
STIFF.	STIFFENER
STL.	STEEL
STOR.	STORAGE
STRUCT.	STRUCTURAL
SUSP.	SUSPENDED
SW.	SWITCH
SYS.	SYSTEM
T.	TREAD
T.&B.	TOP AND BOTTOM
T.&G.	TONGUE AND GROOVE
T.&S.	TAPE AND SPACKLE
T.O.	TOP OF
T.O.MAS.	TOP OF MASONRY
T.O.SL.	TOP OF SLAB
T.O.S.	TOP OF STEEL
T.P.H.	TISSUE PAPER HOLDER
T.T.D.	TOILET TISSUE DISPENSER
TAN.	TANGENT
TEL.	TELEPHONE
TEMP.	TEMPORARY
TERM.	TERMINAL
THK.	THICK
TRANSF.	TRANSFORMER
TYP.	TYPICAL
U.L.DES.	UNDERWRITERS LABORATORY DESIGN
U.N.	UNLESS NOTED
UNIF.	UNIFORM
UNFIN.	UNFINISHED
U.K.	UNIT KITCHEN
V.	VINYL
V.C.T.	VINYL COMPOSITE TILE
V.I.F.	VERIFY IN FIELD
VERT.	VERTICAL
VEST.	VESTIBULE
W/	WITH
W.	WIDE
W.C.	WATER CLOSET
W.P.	WORKING POINT
W.R.	WASTE RECEPTACLE
W.W.F.	WELDED WIRE FABRIC
WD.	WOOD

GENERAL NOTES

1. ALL DOOR COVERS, CONDUIT COVERS, ETC. SHALL BE PAINTED RED, USE 2" STENCIL AND WHITE PAINT ON ALL COVERS INDICATING "1" FOR 1 WTC AND "2" FOR 2 WTC, SYSTEM DESIGNATION.
2. UNDER THE DIRECTION OF THE ENGINEER THE CONTRACTOR SHALL REMOVE EXISTING CEILING SURFACE MOUNTED SPEAKERS AND SMOKE DETECTORS ONLY AFTER DEVICES TO BE INSTALLED ARE OPERATIONAL.
3. ALL CEILING TILES TO BE REMOVED SHOULD BE REPLACED AS SOON AS ACCESS TO THE CEILING AREA IS NO LONGER REQUIRED FOR THE INSTALLATION OF AND TESTING OF WIRING AND DEVICES.
4. ALL FINISHES DISTURBED BY THE INSTALLATION OF DEVICES OR WIRING SHALL BE RESTORED TO MATCH EXISTING.
5. ALL PENETRATIONS MADE IN EXISTING FIRE ALARM EQUIPMENT SHALL BE MADE IN THE PRESENCE OF ENGINEER, NO TOP PENETRATIONS SHALL BE MADE IN ANY FIRE ALARM PANELS. ALARM PANELS.
6. CONTRACTOR SHALL COORDINATE DEVICE PENETRATIONS WITH ENGINEER, FOR ALL NON-DRYWALL FACED WALLS.
7. ALIGN CENTER LINES OF SPEAKERS ON WHICH WORK IS TO BE DONE IN THE CORRIDOR TO THE CENTER LINE OF THE CORRIDOR. IN CASE OF CONFLICT WITH EXISTING CEILING LIGHTING, SPRINKLERS, AND GRILLES. ADJUST FINAL LOCATION OF SPEAKERS IN THE FIELD UNDER THE DIRECTION OF THE ENGINEER.
8. RETURN ALL REMOVED EXISTING DEVICES TO THE PORT AUTHORITY.
9. CONTRACTOR SHALL RUN ALL WIRING AND CONDUIT AND MAKE ALL CONNECTIONS FOR FLUSH MOUNTED STROBE DEVICES MOUNTED ON MARBLE SURFACES RECESSED IN WALLS BEHIND MARBLE.
10. PROTECT ALL EXISTING SURFACES AND EQUIPMENT TO REMAIN DURING DEMOLITION AND CONSTRUCTION. REFER TO ENGINEERING DRAWINGS FOR ADDITIONAL INFORMATION.
11. PROPERLY PROTECT AND MAKE SAFE ADJACENT AREAS AS JOB CONDITIONS REQUIRE. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO ISOLATE ALL WORK AREAS AND CLEARLY DEFINE PATHS OF ACCESS TO THE WORK FOR THE WORKERS IN ORDER TO MINIMIZE DUST INFILTRATION TO OTHER AREAS OF THE BUILDING.
12. FURNISH AND INSTALL STANDARD PORT AUTHORITY FIRESTOPPING AT ALL FLOOR PENETRATIONS AND SEAL ALL PARTITION PENETRATIONS (PIPING, WIRING ETC.) AS AS APPROVED BY THE ENGINEER.
13. DISPOSAL OF CONSTRUCTION DEBRIS AND REMOVAL ACTIVITIES OR ANY OTHER ACTIVITY SHALL NOT IN ANY WAY OBSTRUCT THE PATH OF EGRESS.
14. ALL WOOD USED SHALL BE FIRE RETARDANT TREATED.
15. SKYLOBBIES SHALL REMAIN IN SERVICE DURING DEMOLITION AND CONSTRUCTION. ALL CORRIDORS AND ACCESS TO FIRE STAIRS AND OTHER EXITS SHALL REMAIN OPEN. PEDESTRIAN TRAFFIC TO BE PROTECTED AT ALL TIMES ON ALL THE SIDES AND OVERHEAD. PRIOR TO CONSTRUCTION CONTRACTOR SHALL MEET WITH THE PORT AUTHORITY ENGINEER TO REVIEW THE STAGING AND PROTECTIVE BARRIER REQUIREMENTS.

SYMBOLS LEGEND

- HEAVY LINE INDICATES NEW CONSTRUCTION
- LIGHT LINE INDICATES CONSTRUCTION TO REMAIN
- LIGHT DASHED LINE INDICATES CONSTRUCTION TO BE REMOVED
- FH FLUSH WALL MOUNTED STROBE
- (S) CEILING MOUNTED SPEAKER
- (S) ACCESSABLE OPEN AREA SMOKE DETECTOR
- PENDANT MOUNTED SPRINKLER HEAD
- SUSPENDED ACOUSTICAL CEILING TILES ALL OTHER CEILINGS CONSTRUCTION IS SUSPENDED PLASTER. (U.O.N.)

ELEVATION INDICATOR → (2 / A-7) ← ELEVATION NO. ← DWG.NO.

SECTION INDICATOR → (5 / A-8) ← SECTION NO. ← DWG.NO.

DETAIL INDICATOR → (1 / A-7) ← DETAIL NO. ← DWG.NO.

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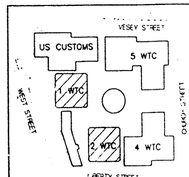
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ARCHITECTURAL GENERAL NOTES AND LEGEND



KEY PLAN

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